



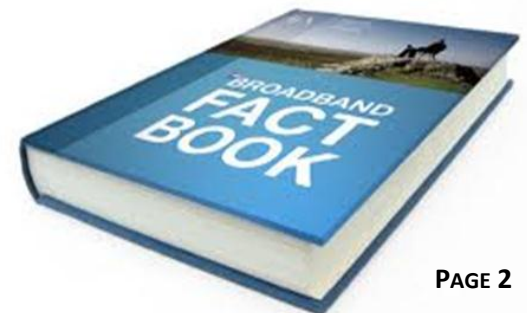
Public Safety Broadband Network

FirstNet and Michigan's Next Steps



What is Public Safety Broadband Network (PSBN)?

- A single nationwide public safety broadband network based on the industry standard Long Term Evolution (LTE) technology, comprised of specific public safety allocated spectrum in the 700 MHz frequency band
- To allow first responders anywhere in the nation to send and receive critical voice, video and data to save lives
- To ensure all Americans can access emergency services quickly
- To revolutionize the way Americans are notified about emergencies and disasters
- To reduce threats to e-commerce and other Internet-based applications





What is NPSBN...FirstNet

What we know today...

- Nationwide Broadband Network For Public Safety named in the Middle Class Tax Relief and Job Creation Act of 2012
- International standards based technology direction
- In response to the 9/11 Commission Report
- Foundational requirement for “D Block” reallocation to public safety



What is NPSBN...FirstNet

What we know today...

Funded

- Planning Funds - \$135 Million
- Implementation Funds - \$7 Billion

State Level Decision

- Provide FirstNet Board Michigan's requirements
- Opt In / Opt Out

Operated by FirstNet Board





FirstNet Essential Facts

- FirstNet - First Responder Network Authority
- Congress created a new Federal authority within NTIA / Department of Commerce to control state & local first responder broadband communications. (H.R. 3630)
- Empowered to build and operate a nationwide public safety broadband network for state & local public safety agencies.
- Established a 15-Member Board selected by NTIA and appointed by the Acting Secretary of Commerce.



FirstNet Essential Facts

- <http://www.commerce.gov/print/news/fact-sheets/2012/08/20/fact-sheet-first-responder-network-authority-firstnet>
- FirstNet is expected to issue RFPs for a national core network and commercial carrier built and operated regional networks.
- First meeting of FirstNet Board will be September 25th and will be open to the public and webcast live on internet
- <http://www.ntia.doc.gov/firstnet-public-meetings>



The Applications

- National Public Safety Telecommunications Council (NPSTC) Broadband Task Force identified applications:

Required	Desired
<ul style="list-style-type: none">• Internet Access• VPN Access to any Authorized Site and to Home Networks• Access to Responders under Incident Command System (ICS)• Status/Information "Homepage"• Field-Based Server Applications• Status/Information "SMS-MMS Messaging" Land Mobile Radio (LMR) gateways	<ul style="list-style-type: none">• Location Based Data Capability One-to-Many Communications across All Media• LMR Voice• PSTN Voice

- Applications will need to be more efficient than what we use today
- Security will need to be integrated with the network and the applications



What Should You Do Now?

- Start thinking about your business changing
 - How will wireless broadband benefit?
 - What will you do differently?
 - Operationally, will your model change?
- Plan strategically for long term investments
- Educate your stakeholders in your community
- Be prepared for state and national surveys to develop benchmarks of activity currently underway and planned future activities





State and Local Implementation Grant Program (SLIGP)

September 2013 – December 2015



SLIGP Grant Program Overview

NTIA National Allocation

- Award period is 3 years
- Only states and territories can apply
- Total Federal Share is about \$118M¹
- Formula-based, not competitive
- Each state given flat \$500K PLUS
 - Allocation by population and land mass

State of Michigan

- Max Federal Share: \$3,347,673*
- Req'd Match (20%): \$837,574
- Match can include In-Kind
- Total Grant Amt.: **\$4,184,591**

**Amounts above reflect adjustments for 2013 sequester (~3%).*

1- SLIGP update FN Board Meeting 13 Aug

Expected Deliverables

- Establish **governance structure** to consult with FirstNet
- Ensure **local and tribal representation** and participation in FirstNet consult. process
- **Education & Outreach** on PS Broadband network among local, tribal and PS users
- **Identify potential PS users** for PS Broadband network
- **Develop MOAs** to facilitate use of existing infrastructure with private sector entities
- **Staffing Plans** that include local and tribal representation **for governance** and preparation of **data collection**
- Comprehensive plan as part of or complementary to SCIP to **describe PS needs** for nationwide network



SLIGP Phases

Phase 1

- Focuses on awareness and engagement of the Public Safety Broadband stakeholders and users

Phase 2

- Focuses on FirstNet consultation and preparing for the RFP



Continuous throughout SLIGP

- Outreach & Education
- Data Collection and User Requirements
 - Memorandums of Agreement
 - Interoperability

State Opt-IN/Opt-OUT Process

1. Consultations (TBD)

- 1. Regional Workshops (done)
- 2. DHS-OEC Coverage Workshop
- 3. Individual State Visits (TBD)
- Ongoing Dialog

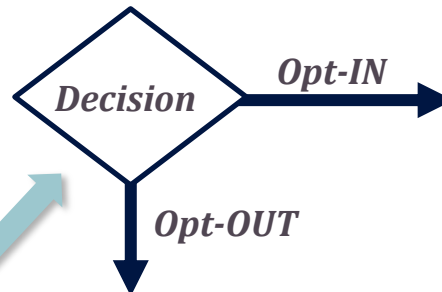
*DHS
Coverage
Workshop*

2. RFP Process (TBD)

**FN Presents Plan
to Governor**

3. State Opt-IN/Opt-OUT Decision

MUST REPLY WITHIN 90 DAYS OF RFP



Opt-IN: ACCEPT FN PLAN

- FN builds the RAN
- FN intends to cover costs to construct, operate, maintain and enhance RAN

Opt-OUT: Apply for Approval to Construct

- Submit alternate plan to FCC for approve
 - Must comply with FCC Interop requirements
 - Demonstrate ability to fund/cost effectiveness
 - Meet same timeframes
 - Deliver solution comparable to FirstNet
- State must cover construction, maintenance and operation costs
- Complete RFP
- Apply to NTIA to lease FirstNet spectrum
- Apply to NTIA for grant funding (optional)

If FCC rejects proposal, plan reverts back to FN proposal.



Michigan SLIGP Sub-Projects

- MI SLIGP Program Operations & Admin
 - SLIGP Program Office Setup
 - Day-to-day program operational management (ongoing)
 - Sustainability Plan
 - SubGrant Program
 - Procurement, RFP, contract/contractor management
- Outreach & Education
 - Communicate to all stakeholders in Michigan
 - Branding, Positioning, Marketing
 - Content Development/SME Support
 - Social Media
 - Training
 - Online
 - PR
 - Communicating Leveraging Other Partners: FEMA Reg V, Canada, Other SLIGP, Federal Partners



Michigan SLIGP Sub-Projects

- Governance
 - Existing Group support
 - SIGB (MI Interop Board)
 - MI Interop WG
 - Reassess assignments and functions for new scope
 - Subcommittee Setup & Development
 - SLIGP Executive Leadership – day-to-day decision making
 - Sustainability Team – focus on biz model & financial challenges
 - Technical Advisory – Focus on technology
 - User Advisory – Focus on operational requirements and use cases
 - Memorandum of Agreement Development



Michigan SLIGP Sub-Projects

- FirstNet Consultation Support
 - Prepare multiple functional teams
 - Prepare for Opt In/Opt Out (OI/OO – assess for technology & sustainability impacts)
 - Unknown/unplanned work for RFP development



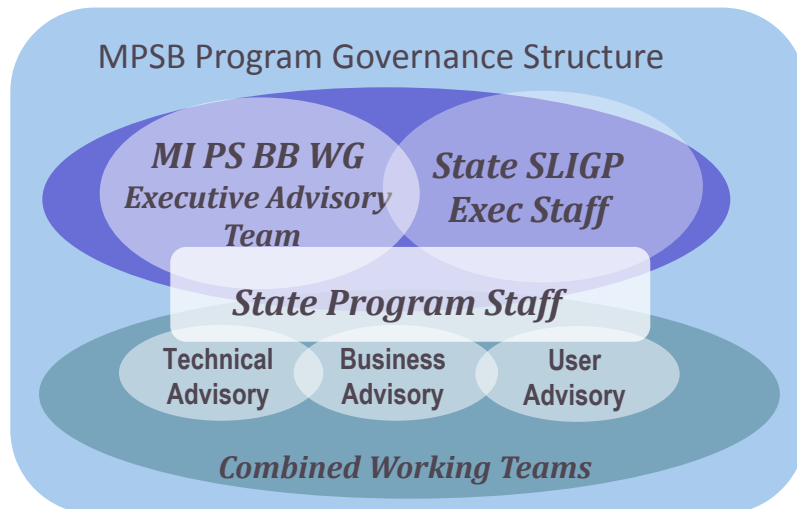
Evolving the Governance Structure



- Larger external group
 - Executive Advisory
 - Focus on key strategies & decisions
 - Governance
 - Comprised of State and Local representatives
 - Working Team
 - Assign to subcommittees
 - Work detailed issues
 - Report out to Exec team, other WGs
 - Comprised of State and Local representatives
- State SLIGP Executive Team
 - Manages day to day program
 - Manages Program staff



Evolving, cont'd



David Behen – Chief Information Office / FN Single Point of Contact

- Direct SLIGP Project Team
- Support FN POCs
- Manage interactions to CIO, Gov
- Turn in tracking

Eric Swanson - Exec Director: Center for Shared Solutions

- Direct SLIGP Project Team
- Support FN POCs
- Manage interactions to CIO, Gov
- Turn in tracking

Brad – MPSCS Director / SWIC

- Direct strategic planning
- Represent MPSCS
- Represent MPSB Program to national groups
- Lead Technical Advisory team
- Manage SCIP updates for PSBB

Laura – SLIGP Program Director

- Lead all aspects of Program
- Alternate POC, support Exec team
- Lead Procurement
- Support Grant Director

Harriet – Grant Director

- Direct, coordinate grant admin
- Submit project reports
- File grant docs, signatory authority
- Provide input into 9-1-1
- Assist with setting up SubGrant program



Outreach and Education

- Presenting at PSBB stakeholder events
- SLIGP / Michigan Public Safety Broadband workshops
- Let us know



WHAT CAN DO?

- *Learn more about FirstNet and the NPSBN!*
- Think about your future coverage and operational needs
- Identify assets which could be leveraged by NPSBN
- Carefully examine investments in commercial or private PS data systems
- Make sure new purchases of 4G broadband devices are capable or upgradeable to Band Class 14 (BC14)
- Consider that FirstNet may have cellular voice when negotiating long term cellular contracts





How to Learn More

- Follow us on Twitter™ @MPSCS
- Check out our web page for news and information:
 - <http://www.michigan.gov/mpscs>
- Contact us: MPSB-info@michigan.gov



Contact Information

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- (517) 373-7910



Thank You!